

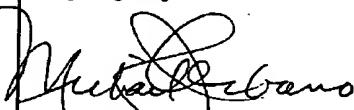
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Date: November 10, 2003	No. Pages (incl. cover): 11
To: Examiner Joseph H. Nguyen	From: Michael J. Urbano Intellectual Property Attorney
Location: USPTO (Group 2815)	Location: 1445 Princeton Drive Bethlehem, PA 18017-9166
Phone No: (703) 308-1269	Phone No.: 610-691-7710 Fax No: 610-691-8434
Fax No: (703) 872-9306	Subject: Application SN 09/883,542 Capasso 68-107-2-21-3-37

RESPONSE TO FINAL OFFICE ACTION**Examiner Nguyen:**

Attached is a response to a FINAL Office action dated August 12, 2003 in the above-captioned case. Please acknowledge receipt. Thank you.

Respectfully,

Michael J. Urbano
Attorney for Applicant(s)

Cc: J. F. McCabe, Esq.

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IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

Patent Application

Inventors(s): Federico. Capasso
Alfred Yi Cho
Raffaele Colombelli
Claire F. Gmachl
Hock Min Ng
Deborah Lee Sivco

Case: 68-107-2-21-3-37

Serial No.: 09/883,542

Filing Date: June 18, 2001

Examiner: Joseph H. Nguyen

Group Art Unit: 2815

Title: Engineering the Gain/Loss Profile of Intersubband Optical Devices
Having Heterogeneous Cascades

THE COMMISSIONER OF PATENTS AND TRADEMARKS
WASHINGTON, DC 20231

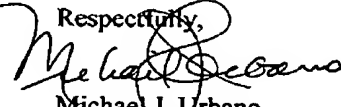
SIR:

Enclosed is a Response to a final Office action in the above-identified application.

NO ADDITIONAL AMENDMENT FEE IS REQUIRED.

In the event of any non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit my **MASTERCARD** (from 2038 attached) as required to correct the error.


Respectfully,


Michael J. Urbano
Attorney for Applicant(s)
Reg. No. 24, 522
610-691-7710

Date: 11/10/03

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Michael J. Urbano: 

Capasso 68-107-2-21-3-37
Serial No. 09/883,542

IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

OFFICIAL

Patent Application

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SIR:

RESPONSE TO FINAL ACTION

In response to the final Office action of August 12, 2003, please amend the above-captioned patent application as follows:

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